



STS CONSULTANTS

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February 7, 2003

Mr. Fred Micke, On-Scene Coordinator
Ms. Verneta Simon, On-Scene Coordinator
U.S. Environmental Protection Agency
Region 5
77 West Jackson Blvd., SE-5J
Chicago, Illinois 60604

EPA Region 5 Records Ctr.



226787

RE: Inquiry Regarding Depth of Former Shipping Slips, Lakeshore East Site, 221 North Columbus Drive, Chicago, Illinois – STS Project No. 1-32193-XC

Dear Mr. Micke and Ms. Simon:

In response to a recent request from USEPA regarding the depth of the former slips at the Lakeshore East site, STS Consultants, Ltd. (STS) is providing the following information. This information is based on review of vicinity boring logs and borings completed on the subject site. Copies of logs from those borings completed directly for Lakeshore East would be available upon their release of that information. Copies of information for borings completed for other clients would be available only after obtaining release from those parties. STS will seek those releases, if requested. In the absence of the specific information, we have summarized the information as follows.

Based on available boring log data for Slip C along the west edge of the site, interpreted natural soil lies at a minimum of 18 feet to a maximum of 35 feet below grade. The shallower borings are in the southern end of the former slip at 18 to 23 feet, while to the north depths range from 30 to 35 feet. (Based on ten borings.)

Borings in the former Slip D along the north margin of the site ranged from greater than 24 feet to greater than 30 feet to natural soil, with the borings meeting refusal on obstructions before encountering natural soil. (Based on two borings.)

Borings in the former Slip E along the south margin of the site ranged from approximately 22 feet to 34 feet to natural soil. We note several borings in the former slip indicate only 15 to 17 feet to what was interpreted on the logs as natural soil; however, this appears too shallow to accurately reflect the overlying man-made fill thickness in the former slip and may represent accumulated sand in the former slips before the area was filled. (Based on nine borings.)

On the basis of reviewing the borings, we estimate the slips were on the order of 25 to 35 feet deep below current surface grade.

We appreciate the opportunity to be of service. Please advise us if you need additional information with regard to this inquiry.

Regards,

STS CONSULTANTS, LTD.

John L. Petruccione, P.G.
Senior Geophysicist

Richard G. Berggreen, C.P.G.
Principal Geologist

cc: David Carlins, Lakeshore East Development, LLC
Kara Hughes, Lakeshore East Development, LLC